

CARDIGANSHIRE COUNTY COUNCIL



ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
and
SCHOOL MEDICAL OFFICER
for the year 1940

ROBERT JONES, M.Sc., M.B., Ch.B., D.P.H.,
County Medical Officer of Health,
School Medical Officer.

CARDIGANSHIRE COUNTY COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and

SCHOOL MEDICAL OFFICER

for the year 1940

ERNEST JONES, M.Sc., M.B., CH.B., D.P.H.,

County Medical Officer of Health,

School Medical Officer.

CARDIGANSHIRE COUNTY COUNCIL.

Public Health Officers of the Authority.

County Medical Officer of Health and School Medical Officer ..	ERNEST JONES, M.Sc., M.B., CH.B., D.P.H.
Obstetric Consultant	DAVID ELLIS, M.D., B.S.
Orthopaedic Surgeon	N. ROCYN JONES, M.D., F.R.C.S., 40, Newport Road, Cardiff.
Eye Specialist to the County Education Committee	ROY THOMAS, M.B., F.R.C.S., D.O.M.S., R.C.P.S., 79, Walter Road, Swansea.
School Dental Officer	W. D. PERCIVAL EVANS, L.D.S., R.C.S. (Eng.).
Inspector of Midwives and Superintendent Health Visitor ..	Miss JANET JONES, S.R.N., R.F.N., S.C.M., H.V.CERT of R.S.I., T.B.CERT.
Health Visitor and School Nurse.. (full time)*	Miss MARY LEWIS, S.R.N., S.C.M., T.B.CERT., R.F.N., H.V.CERT. of R.S.I.
Dental Nurse	Mrs. S. M. JUDKINS, CERT. C.M.B.
Public Analyst	JOHN EVANS, F.I.C., 67, Surrey Street, Sheffield.
Aberaeron Hospital : <i>Medical Officer</i>	ERNEST LL. DAVIES, M.R.C.S., L.R.C.P.
Medical Officers of Public Assistance Institutions	EVAN EVANS, M.C., M.B., B.S., M.R.C.S. J. ARTHUR REES, M.B., C.M.
County Maternity Home, Aberystwyth : <i>Matron</i>	Mrs. A. G. MORGAN, S.R.N., CERT. C.M.B.
Tuberculosis Physician.. ..	J. KENYON DAVIES, M.R.C.S., L.R.C.P.

*In addition there are 32 part-time.

Public Vaccinators :

JOHN ANDERSON, Pontrhydygroes.
DAVID DAVIES, Tregaron.
D. LLOYD DAVIES, Cardigan.
ERNEST LL. DAVIES, Aberaeron.
TREVOR G. DAVIES, Adpar.
EVAN EVANS, Lampeter.
D. R. T. GRIFFITHS, New Quay.
JOHN GRIFFITHS, Llandyssul.
T. J. JENKINS, Henllan.
THOMAS J. JONES, Borth.
J. ARTHUR REES, Aberystwyth.
D. A. J. WILLIAMS, Tregaron.

Vaccination Officers :

ENOCH DAVIES, Lampeter.
T. ALUN EVANS, Aberaeron.
THOS. W. EVANS, Pontrhydfendigaid.
J. H. JOHNS, Cardigan.
E. EVANS JONES, Aberystwyth.
IEUAN JONES, Talybont.
THOMAS MORGAN, Pontrhydygroes.
D. W. MORRIS, Llangeitho.
ELIAS REES, Henllan.

Cardiganshire Association for the Blind : *Hon. Sec.*—E. I. HARRIES, Cambrian Chambers, Aberystwyth.

Cardiganshire Association for the Care of Cripples : *Hon. Sec.*—LESLIE WATKINS, Brynarian, Aberystwyth.

District Medical Officers and Sanitary Inspectors.

District	Medical Officer	Sanitary Inspectors
RURAL :		
Aberaeron	ERNEST LL. DAVIES	JOHN JONES
Aberystwyth (South)..	THOMAS J. JONES	JAMES HUGHES
Aberystwyth (North)..	J. ARTHUR REES	P. " LLÖYD
Cardigan	D. LLOYD DAVIES	JOSHUA EVANS
Lampeter	EVAN EVANS	P. A. LLOYD
Llandyssul	TREVOR G. DAVIES	W. J. REES
Tregaron	D. A. J. WILLIAMS	
URBAN :		
Aberaeron	ERNEST LL. DAVIES	JOHN JONES
New Quay	D. R. T. GRIFFITHS	" "
MUNICIPAL BOROUGHES :		
Aberystwyth	D. I. EVANS	OSBORNE J. EVANS
Cardigan	SELBY CLARE	J. P. WILLIAMS
Lampeter	EVAN EVANS	D. J. DAVIES

Chief Clerk—D. OLIVER MORGAN.

The Health of the County during 1940.

THE year 1940 lived up to expectation as a year of epidemics of measles, whooping cough, diphtheria, and scarlet fever—especially of measles. Beside these fevers, two skin diseases, impetigo and scabies that had rarely been seen in Cardiganshire gave warning early in the year of trouble to come, a trouble that had to be met later (in 1941) by opening skin hospitals in the north and south of the county. By the end of the year evacuee cases totalled 339. They were nursed in the Tanybwch Emergency Fever Hospital, whilst the Cardiganshire cases were sent to the Aberystwyth Borough Isolation Hospital.

Even though the amount of sickness in the county was large, the number of deaths from infection was small: four children died of whooping cough, none of typhoid, none of scarlet fever, and one of diphtheria. That diphtheria, the most dreaded of these diseases, did not cause more deaths was due to anti-diphtheric inoculation which was rapidly carried out through the county by medical officers of the county, sanitary districts and War Emergency Laboratory.

The winter of 1939/40 was long and exceptionally severe—snow on the ground for weeks and spring late in coming. More old people than usual died of pneumonia—a disease which caused a higher mortality in the very old and very young than did tuberculosis in the whole population.

The number of deaths from all causes was 914. Of these, sixty-five per cent. occurred among the aged, caused mainly by heart disease, cancer, kidney disease and "stroke" (cerebral haemorrhage, etc.).

When the number of deaths is placed beside the number of live births (649), a deficit of 265 is revealed. Thus we learn, once more, that the population of Cardiganshire continues on a steep down grade. On the other hand, it is pleasant to find that the tuberculosis figures are lower than ever. As lead-mining recedes into the distance of time, as the nutrition of the people improves, as housing gets better, and the school windows become sunnier, so the number of deaths from tuberculosis gets smaller and smaller. In 1938, thirty-seven people died of this disease; in 1939, thirty-five, and in 1940 the number has fallen to thirty. To emphasise the importance of prevention is not to belittle the value of treatment; but lung tuberculosis is associated with social, economic, and hygienic conditions more than most diseases and is easier to prevent than to cure. Moreover, preventive measures are the concern of the County Council. The Tuberculosis and After-Care Committee which is the committee of the County Council specially concerned and which meets quarterly to receive and act on reports concerning the welfare and care of tuberculosis patients, dealt effectively with the home nursing, the nutrition and the disinfection of the homes of the sufferers. In the matter of housing of Tb. patients, however, it was powerless: in no case was it successful in securing for a patient a house in which there was room enough to prevent infection spreading from parent to child. Housing is a duty of the rural and urban sanitary authorities and these have not enough council houses to meet the demand and not enough money

to build more. Consequently, the prevention of the spread of infection from parent to child, which can be brought about by proper housing, is beyond the control of the County Tuberculosis and After-Care Committee. If more public money is to be spent in the fight against tuberculosis, housing has the first claim.

Another anti-tuberculosis measure is the school mid-day meal. The importance of school feeding is now so widely recognised that it seems unnecessary to mention it again. But in Cardiganshire, a county which may claim to be a pioneer of school feeding in the rural counties of Wales, the work is still carried on in a haphazard manner, with poor equipment and in rooms not suitable for the purpose. The Board of Education now makes substantial grants covering seventy-eight per cent of the cost of buildings, equipment and cooks' wages, so that the burden of preparing the food can be removed from the shoulders of the headteachers and the actual cooking places need no longer be class rooms, cloak rooms, and passages. Any lingering doubts concerning the necessity of school meals in a county like Cardiganshire, where ways from homes to school are so long, must be dispelled in war time by the memory of the last war when the incidence of tuberculosis rose so alarmingly and continued to do so for some years afterwards.

Maternity and Child Welfare.

THE County Maternity Home received 171 cases during the year. Not all these were Cardiganshire women. Some were the wives of service men and some were evacuated mothers. No mother died of puerperal sepsis during the year; but other childbirth causes resulted in two deaths in the county and gave a maternal mortality slightly in excess of that of England and Wales. As in former years, the number of stillbirths was high. But infantile mortality was low and would have been lower if it were not for the high mortality among illegitimate children.

Six children under two years of age died of diarrhoea. This is a very high number to die of a disease that is usually connected with insanitary surroundings, overcrowding, and careless feeding. It is not characteristic of Cardiganshire and may be connected with war conditions.

School children, on the whole, despite the epidemics, were very healthy. Their death rate was by far the lowest of all the age groups. It may be claimed that this is due to the fact that the social services bear more on the school child than on any other part of the community.

School Dental Service.

THE school dental service had the very heavy task of caring for the teeth of the Liverpool evacuee school children as well as those of the Cardiganshire school children. Later in the year children from other bombed areas were added. For a period of four months the work was lightened by the help given by a Liverpool dentist who was lent to the county. When the latter left on February 9th, 1940, the whole of the work fell on the shoulders of the Cardiganshire dentist. When the second evacuation took place, the arrangement had to be abandoned, and towards the end of the year only urgent cases amongst evacuated children were treated. The dentist reports on the Liverpool evacuees that the condition of the teeth was very bad. Two hundred and eighty-seven extractions were performed, one hundred and thirty-three under gas, before the arrival of the Liverpool dentist. After his recall, a further 230 teeth were extracted, 73 were filled and 198 operations under gas were carried out.

The Rotherhithe Nautical School, New Quay.

THIS school was evacuated to the county in 1940. Most of the boys had been receiving periodic inspection and treatment before they left for Wales. Consequently the dental condition was good. Seventy boys, however, required fillings; this work was carried out by the Cardiganshire dentist. Since the age of the boys was between 14 and 17 years, the required treatment is of a conservative nature. It will require a great deal of time and attention to keep up a satisfactory standard, but it is important that this standard should be maintained for the boys intend to "follow the sea", a profession which requires good health and strong teeth. Any neglect from now on will destroy the effect of the good work that has already been done.

Private Evacuees.

As these are now on the Cardiganshire school registers, they are treated with the Cardiganshire children. On the whole their dental condition was good, although a great number required treatment, both extraction and filling.

Cardiganshire Children.

ONE thousand five hundred and thirty-three Cardiganshire pupils made two thousand one hundred and fourteen attendances for treatment. Nine hundred and forty-nine teeth were filled and three thousand and seventy-six teeth were extracted. There were seven hundred and ninety-four administrations of nitrous oxide and seven hundred and seventy local anaesthetics.

A great part of the credit for the improved health of the Cardiganshire school population must be given to the school dental service; it is difficult to see any other explanation of the big fall in infective heart disease than that of cleaner mouths and healthier throats. It is not possible, however, for one dentist to attend both the evacuee school population and the Cardiganshire school population. Attempts were made to secure a second dentist and later (1941) a part-time dentist was engaged.

AREA AND POPULATION OF THE COUNTY.

District	Estimated Resident Population by Registrar General 1940	Census 1931	Acreage (Land and Inland Water)
RURAL DISTRICTS :			
Aberaeron	9474	6935	65042
Aberystwyth (North)	7343	6871	78855
Aberystwyth (South)	4771	4623	61873
Teifiside	10350	13749	107381
Tregaron	5712	6214	121546
	<u>37650</u>	<u>38392</u>	<u>434697</u>
URBAN DISTRICTS :			
Aberaeron	1279	1155	388
New Quay	1137	1112	281
	<u>2416</u>	<u>2267</u>	<u>669</u>
MUNICIPAL BOROUGHES :			
Aberystwyth	10430	9473	1141
Cardigan	3500	3310	4928
Lampeter	1964	1742	1754
	<u>15894</u>	<u>14525</u>	<u>7823</u>
RURAL AND URBAN DISTRICTS AND MUNICIPAL BOROUGHES :			
Rural Districts	37650	38392	434697
Urban Districts	2416	2267	669
Municipal Boroughs	15894	14525	7823
ADMINISTRATIVE COUNTY ..	55960	55184	443189

EXTRACTS FROM VITAL STATISTICS.

The following is a short extract from the Vital Statistics of the year 1940.

					<i>Rates for England and Wales</i>	
LIVE BIRTHS	Legitimate	Total 603	M. 303	F. 300	Birth Rate per 1000 of the estimated resident population ..	11.59
	Illegitimate	46	24	22		
					..	14.6
STILL- BIRTHS	Legitimate	35	14	21	Rate per 1000 total (live and still) births ..	54
	Illegitimate	2	1	1		
TOTAL BIRTHS ..					0.38	0.55
					Rate per 1000 population	
DEATHS ..		914	431	483	Adjusted Death Rate ..	13.0
						14.3
<i>Deaths from puerperal causes :</i>						
<i>(Maternal Mortality)</i>						
	Puerperal sepsis		..	..	..	0
	Other puerperal causes		..	..	..	2
	Total ..		..	..	..	2
	Rate per 1,000 total (live and still) births		..	..	..	2.9
						2.16
<i>Death Rate of Infants under one year of age</i>						
<i>(Infantile Mortality) :—</i>						
All Infants per 1,000 live births..					53.7	55
Legitimate infants per 1,000 legitimate live births..					49.8	
Illegitimate infants per 1,000 illegitimate live						
births ..					108.6	
<i>Deaths from Child Diseases :—</i>						
Number of deaths from Measles (all ages)					..	2
Rate per 1,000 population is					..	0.04
						0.02
Number of deaths from Whooping Cough (all ages)					4	
Rate per 1,000 population is					..	0.07
						0.02
Number of deaths from Diarrhoea (under 2 years						
of age)					6	
Rate per 1,000 population is					..	0.11
Rate per 1,000 live births ..					..	9.2
						4.6

LIVE BIRTH RATES AND DEATH RATES per 1,000 population for 1940.

	LIVE BIRTHS		DEATHS		A.C.F.	Adjusted Death Rates
	No.	Rate	No.	Rate		
Whole County ..	649	11.59	914	16.33	0.80	13.0
Rural Area ..	483	12.82	624	16.58	0.79	13.1
Urban Area ..	166	9.07	290	15.83	0.82	13.0
RURAL DISTRICTS :						
Aberaeron	124	13.1	168	17.7	0.78	13.9
Aberystwyth (North)	82	11.1	132	17.9	0.79	14.1
Aberystwyth (South)	45	9.4	51	10.7	0.76	81.3
Teifiside	150	14.5	156	15.1	0.81	12.2
Tregaron	82	14.3	117	20.4	0.82	16.7
URBAN DISTRICTS :						
Aberaeron	15	11.7	27	21.2	0.67	14.2
New Quay	9	7.9	21	18.6	0.69	12.8
MUNICIPAL BOROUGHES :						
Aberystwyth ..	83	7.9	153	14.6	0.85	12.4
Cardigan	39	11.1	54	15.4	0.85	13.1
Lampeter	20	10.2	35	17.8	0.83	14.7

NOTE.—The Column A.C.F. shows the Comparability Factors used for adjusting the death rates to make them comparable with England and Wales and with one another.

BIRTH RATE, INFANTILE MORTALITY AND STILL BIRTH RATE FOR 1940

		Total No. of Births	Total No. of Live Births	Live Births per 1,000 population	Number of Still Births	Still Births per 1,000 population	Percentage Still Births to Live Births	Deaths of Infants under 1 year—number	Death Rate of Infants under 1 year per 1,000 Live Births
Whole County ..	..	686	649	11.59	37	0.66	5.7	37	57
Rural Area ..	..	513	483	12.82	30	0.79	6.2	32	66
Urban Area ..	..	173	166	9.07	7	0.38	4.2	5	31
RURAL DISTRICTS :									
Aberaeron ..	..	134	124	13.1	10	1.05	8.1	13	105
Aberystwyth (N.) ..	..	85	82	11.1	3	0.41	3.7	3	37
Aberystwyth (S.) ..	..	49	45	9.4	4	0.84	8.9	0	0
Teifside ..	..	157	150	14.5	7	0.68	4.7	7	46
Tregaron ..	..	88	82	14.3	6	1.05	7.3	9	110
URBAN DISTRICTS :									
Aberaeron ..	..	16	15	11.7	1	0.86	6.7	0	0
New Quay ..	..	9	9	7.9	0	0	0	0	0
MUNICIPAL BOROUGHES :									
Aberystwyth ..	..	87	83	7.9	4	0.38	4.8	4	48
Cardigan ..	..	40	39	11.1	1	0.28	2.5	1	26
Lampeter ..	..	21	20	10.2	1	0.51	5.0	0	0

CAUSES OF DEATHS IN AGE GROUPS.

Age Groups (Years)	0-5	5-15	15-45	45-65	65-75	Totals
Tuberculosis of the Lungs ..	0	2	23	4	4	33
Heart Disease	0	0	7	48	176	231
Cancer	0	1	10	46	63	120
Nephritis	1	0	4	7	40	52
Cerebral Haemorrhage	0	0	0	28	83	111
Cerebral Haemorrhage and other intra-cranial vascular lesions ..	0	0	0	28	83	111
Influenza	0	0	2	4	9	15
Pneumonia	10	1	2	6	18	37
Bronchitis	1	1	2	3	47	54
Deaths from all causes	50	9*	92	190	573	914

*Note—School age.

**NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING
THE YEAR 1940.**

District			Meas- es	Scar- let Fever	Diph- theria	En- teric Fever	Pneu- monia	Puer- peral Pyr- exia	Whoop- ing
RURAL :									
Aberaeron	..	..	27	5	3	—	2	—	3
Aberystwyth (North)	..	..	96	—	9	—	16	1	17
Aberystwyth (South)	..	..	60	1	—	—	1	—	5
Teifside	..	..	10	—	—	—	—	1	2
Tregaron	..	..	74	—	—	—	7	1	14
URBAN :									
Aberaeron	..	..	—	4	4	1	1	—	—
New Quay	..	..	—	—	1	—	7	—	—
MUNICIPAL BOROUGHES :									
Aberystwyth	..	..	102	18	3	3	10	1	20
Cardigan	..	..	8	—	5	—	4	—	—
Lampeter	..	..	2	1	—	—	4	—	—
Whole County	..	..	379	29	25	4	52	4	61

TUBERCULOSIS.

New Cases and Mortality During 1940.

Age Periods	NEW CASES				Total New Cases	DEATHS				Total Deaths
	Respiratory		Non- Respiratory			Respiratory		Non- Respiratory		
	M.	F.	M.	F.		M.	F.	M.	F.	
0— ..	—	—	—	—	—	—	—	—	—	—
1— ..	—	—	1	—	1	—	—	2	—	2
5— ..	—	—	—	2	2	—	1	—	—	1
15— ..	6	5	1	3	15	7	9	1	2	19
25— ..	2	5	2	—	9	—	8	—	—	8
35— ..	4	3	2	1	10	1	—	—	—	1
45— ..	4	—	—	—	4	1	2	—	1	4
55— ..	5	1	—	1	7	—	—	—	—	—
65 and upwards..	—	1	—	2	3	2	2	—	1	5
Totals ..	21	15	6	9	51	11	22	3	4	40

MATERNITY AND CHILD WELFARE.

Midwives Act.

During the year forty-four midwives notified their intention to practise in the county. Of these, three were on the staff of the County Maternity Home, six were in private practice as maternity nurses, and the remaining thirty-five were employed by local district nursing associations (thirty-three permanently and two temporarily)

The Supervisor paid two hundred and eighty-seven visits to midwives in their districts. No case of malpractice or breach of the rules of the Central Midwives Board was reported.

The following notifications in accordance with the rules of the Board were received :—

Sending for medical help	137
Death of child	11
Artificial feeding of infant	74
Liability to be a source of infection	16
Laying-out a dead body	37
Notification of Still Birth	41

The reasons for sending for medical help in the one hundred and thirty-seven cases were as follows :—

Illness of mother or child	7
Rise of temperature	3
Abnormal presentation and delayed labour	72
Placenta praevia	1
Albuminuria	6
Haemorrhage ; ante-partum and post-partum	12
Torn perinium	20
Abortion and miscarriage	11
Discharge from infant's eyes	2
Eclampsia	1
Stillborn infant	1
Unsatisfactory home conditions	1

District Nursing Associations.

No new local district nursing association was formed during the year. Three are now thirty associations in being and thirty-four nurses employed.

One State Registered nurse sent to the Queen Charlotte Hospital, London, for midwifery was in training at the end of the year.

There were no changes of nurses in the county during 1940.

County Maternity Home.

One hundred and seventy-one cases were treated in the County Maternity Home during the year. Fifty-eight of these were uncomplicated labours, seventy-eight required instrumental intervention, and ten were delivered by Caesarian Section. Six cases of albuminuria and seven cases of ante-partum haemorrhage were admitted into the Home. All were treated and cured.

There were two deaths during the year ; one from eclampsia and one following Caesarian Section.

Still Births.

There were forty-three still births in the county, twenty-four of which occurred in the County Maternity Home.

NURSING HOMES REGISTRATION ACT, 1927.

Number of new applications for registration	..	..	..	..	Nil
Number of Homes already registered	..	..	..	..	1
Number of Orders made refusing or cancelling registration			..	..	Nil
Number of Appeals against such Orders	..	..	..	..	Nil
Number of Applications for exemption from registration			..	..	Nil

CHILDREN ACT, 1908.

Return relating to the Administration of Part I of the above Act, as amended by Part IV of the Children and Young Persons Act, 1932.

1. NOTIFICATION :

(a) Number of persons on Register receiving children for reward at the end of the year	2
(b) Number of Children on the Register :	
(i) at the end of the year	2
(ii) who died during the year	Nil
(iii) on whom inquests were held during the year ..	Nil

2. VISITING :

Number of Health Visitors holding appointments as Infant Protection Visitors	1
---	---

The two children were visited during the year and conditions found satisfactory.
No proceedings were, therefore, taken.

CAUSES OF DEATH, 1940.

	WHOLE COUNTY		RURAL AREA		URBAN AREA		RURAL DISTRICTS.										URBAN DISTRICTS.				MUNICIPAL BOROUGHES.					
							ABERARON		ABERYSTWYTH (North)		ABERYSTWYTH (South)		TEIFISIDE		TREGARON		ABERARON		NEW QUAY		ABERYSTWYTH		CARDIGAN		LAMPETER	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Heart Disease	231	4.13	165	4.38	66	3.6	50	5.29	28	3.82	18	3.78	40	3.86	29	5.09	11	8.58	3	2.64	33	3.16	9	2.57	10	5.09
Cancer	120	2.14	81	2.15	39	2.13	23	2.43	17	2.31	6	1.26	21	2.02	14	2.45	1	0.78	1	0.88	27	2.59	8	2.29	2	1.02
Tuberculosis of Lungs	33	0.59	21	0.56	12	0.64	7	0.74	4	0.55	3	0.63	3	0.29	4	0.70	—	—	1	0.88	6	0.57	3	0.86	2	1.02
Tuberculosis other than Lungs	7	0.12	6	0.16	1	0.05	—	—	—	—	3	0.63	1	0.09	2	0.35	—	—	—	—	1	0.09	—	—	—	—
Nephritis	52	0.93	34	0.91	18	0.99	4	0.42	10	1.36	3	0.63	10	0.97	7	1.22	—	—	3	2.64	11	1.01	2	0.57	2	1.02
Pneumonia	37	0.66	27	0.72	10	0.55	7	0.74	10	1.36	2	0.42	6	0.58	2	0.35	—	—	—	—	7	0.67	2	0.57	1	0.51
Cerebral Haemorrhage	111	1.99	66	1.76	45	2.4	20	1.0	13	1.77	6	1.26	18	1.74	9	1.58	8	6.25	—	—	23	2.21	8	2.29	6	3.05
Bronchitis	54	0.96	38	1.01	16	0.88	7	0.74	7	0.96	1	0.21	9	0.87	14	2.45	2	1.56	3	2.64	7	0.67	3	0.86	1	0.51
Influenza	15	0.27	7	0.18	8	0.44	2	0.21	—	—	—	—	3	0.27	2	0.35	1	0.78	1	0.88	3	0.29	1	0.29	2	1.02
Appendicitis	4	0.87	4	0.10	—	—	1	0.10	2	0.27	—	—	—	—	1	0.17	—	—	—	—	—	—	—	—	—	—
Ulcerated Stomach and Duodenum.	5	0.09	3	0.08	2	0.11	1	0.10	1	0.14	—	—	—	—	1	0.17	—	—	—	—	2	0.19	—	—	—	—
Suicide	9	0.16	7	0.18	2	0.11	2	0.21	1	0.14	—	—	3	0.29	1	0.17	—	—	1	0.88	—	—	1	0.29	—	—
Road Accidents	5	0.09	5	0.13	—	—	—	—	3	0.41	1	0.21	1	0.09	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Childbirth Causes	2	0.04	1	0.03	1	0.05	—	—	—	—	—	—	—	—	1	0.17	—	—	—	—	1	0.19	—	—	—	—
Whooping Cough	4	0.07	3	0.08	1	0.05	1	0.10	1	0.14	—	—	—	—	1	0.17	—	—	—	—	1	0.19	—	—	—	—
Measles	2	0.04	1	0.03	1	0.05	1	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	0.29	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	1	0.02	1	0.03	—	—	—	—	1	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes	11	0.19	6	0.16	5	0.27	2	0.21	3	0.41	—	—	—	—	1	0.17	—	—	2	1.76	1	0.09	2	0.57	—	—
Diarrhoea of children under 2 years	6	0.11	4	0.10	2	0.11	2	0.21	—	—	—	—	1	0.09	1	0.17	—	—	—	—	1	0.09	1	0.29	—	—

TABLE SHOWING THE NUMBER OF VISITS MADE BY HEALTH VISITORS DURING THE YEAR.

District	Visits to Infants under 1 Year			Total No. of Visits to Children between 1 and 5 years	Expectant Mothers	
	First Visits	No. of Re-visits	Total No. of Visits		First Visits	Total Visits
Whole-time Health Visitors						
1. Aberystwyth... ..	117	604	721	727	52	321
Part-time Health Visitors						
1. Aberaeron	12	105	117	133	20	100
2. Aberporth	20	72	92	102	12	89
3. Borth	12	104	116	87	9	75
4. Cardigan	45	564	609	529	61	201
5. Cross Inn and Cil-cennin	21	146	167	286	21	63
6. Devil's Bridge	21	78	99	184	5	52
7. Glandyfi	10	355	365	656	9	76
8. Henllan	14	316	330	276	6	128
9. Lampeter	24	200	224	229	32	174
10. Llanafan	13	229	242	195	9	90
11. Llanarth	46	353	399	450	36	256
12. Llanddewi Brefi	4	224	228	252	4	22
13. Llandyssul	70	154	224	128	21	114
14. Llandyssilio	23	293	316	396	24	156
15. Llangeitho	72	296	368	292	34	115
16. Llangranog	19	258	277	448	27	157
17. Llanilar and Lledrod .	7	109	116	196	8	43
18. Llanrhystyd and Llangwryfion	15	408	423	452	24	78
19. Llanwenog	8	243	251	251	9	64
20. Llanychaiarn... ..	11	207	218	208	7	92
21. Llechryd	16	724	740	475	19	104
22. Melindwr	15	312	327	386	18	233
23. Mid-Aeron	20	305	325	737	11	98
24. New Quay	21	446	467	237	21	172
25. Pontrhydfendigaid	26	206	232	251	22	103
26. Rhydlewis	17	160	177	164	18	51
27. Rhydypennau	10	157	167	278	13	37
28. Talybont	12	100	112	105	11	63
29. Tregaron	49	141	190	130	9	48
TOTAL	770	7869	8639	9240	572	3375

In addition, the Superintendent Health Visitor made the following visits during the year :—

To infants under 1 year of age ...	86
To children between 1 and 5 years ...	68
To Expectant Mothers ...	56
	<hr/> 210

VENEREAL DISEASES.

RETURN OF ALL PERSONS TREATED AT THE GENERAL HOSPITAL, SWANSEA,
DURING THE YEAR ENDED 31st DECEMBER, 1940.

	Syphilis		Soft Chancre		Gonorr- hoea		Con- ditions other than Venereal		Totals		
	M	F	M	F	M	F	M	F	M	F	Totals.
Number of cases on 1st. Jan., 1940, under treatment or observation ...	1	—	—	—	1	—	—	—	2	—	2
Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection ...	—	—	—	—	—	—	—	—	—	—	—
Number of cases dealt with for the first time during the year under report suffering from :	—	—	—	—	—	—	—	—	—	—	—
Syphilis, primary ...	—	—	—	—	—	—	—	—	—	—	—
,, secondary ...	—	—	—	—	—	—	—	—	—	—	—
,, latent in 1st year of in- fection ...	—	—	—	—	—	—	—	—	—	—	—
,, all later stages ...	—	—	—	—	—	—	—	—	—	—	—
,, congenital ...	—	—	—	—	—	—	—	—	—	—	—
Soft Chancre ...	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection ...	—	—	—	—	—	3	—	—	—	3	3
,, later ...	—	—	—	—	1	—	—	—	1	—	1
Conditions other than Venereal ...	—	—	—	—	—	—	1	—	1	—	1
Number of cases dealt with for the first time during the year under report known to have received treatment at other Centres for the same in- fection ...	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	2	3	1	—	4	3	7
Number of cases discharged after com- pletion of treatment and final tests of cure ...	—	—	—	—	—	—	1	—	1	—	1
Number of cases which ceased to attend before completion of treatment ...	1	—	—	—	1	1	—	—	2	1	3
Number of cases transferred to other centres or to Institutions, or to care of private practitioners ...	—	—	—	—	—	—	—	—	—	—	—
Number of cases remaining under treatment or observation on 31st December, 1940 ...	—	—	—	—	1	2	—	—	1	2	3
TOTALS ...	1	—	—	—	2	3	1	—	4	3	7

The following Table relates to persons treated at the ABERYSTWYTH TREATMENT CENTRE during the year ended 31st December, 1940.

	Syphilis		Soft Chancre		Gonorrhoea		Con- ditions other than Venereal		Totals		
	M	F	M	F	M	F	M	F	M	F	Totals
Number of cases on 1st. Jan., 1940, under treatment or observation ...	27	14	—	—	6	2	—	—	33	16	49
Number of cases dealt with for the first time during the year under report suffering from :											
Syphilis, primary	—	—	—	—	—	—	—	—	—	—	—
„ secondary	—	—	—	—	—	—	—	—	—	—	—
„ latent in 1st year of in- fection	—	—	—	—	—	—	—	—	—	—	—
„ all later stages	2	2	—	—	—	—	—	—	2	2	4
„ congenital	1	—	—	—	—	—	—	—	1	—	1
Soft Chancre	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection ...	—	—	—	—	—	2	—	—	—	2	2
„ later	—	—	—	—	—	—	—	—	—	—	—
Conditions other than Venereal ...	—	—	—	—	—	—	—	—	—	—	—
Number of cases dealt with for the first time during the year under report, known to have received treatment at other Centres for the same in- fection	—	—	—	—	—	—	—	—	—	—	—
	30	16	—	—	6	4	—	—	36	20	56
Number of cases discharged after com- pletion of treatment and final tests of cure	—	—	—	—	2	1	—	—	2	1	3
Number of cases which ceased to attend before completion of treatment ...	—	—	—	—	—	—	—	—	—	—	—
Number of cases remaining under treatment or observation on 31st December, 1940	30	16	—	—	4	3	—	—	34	19	53
TOTALS	30	16	—	—	6	4	—	—	36	20	56

MENTAL DEFICIENCY.

The Mental Deficiency Acts are administered by the Mental Deficiency Committee of the County Council, which is a sub-committee of the Public Health Committee, and meets quarterly.

For female patients, the Cardiganshire County Council has made provision jointly with other counties at the West Wales Joint Counties Institution, Pantglas, Carmarthen.

Male patients are sent to institutions belonging to other authorities, e.g. the Driffield Institution, Caersws.

Supervision is carried out by the County Medical Officer and the County Superintendent of Nurses.

At the end of the year 4 males and 8 females were in institutions under Order ; 1 male was on licence from institution, and 53 mental defectives (17 male and 36 females were in receipt of poor relief.

BLIND PERSONS ACT.

The care of blind persons and the prevention of blindness is controlled by two Committees—the Cardiganshire Association for the Blind and a Sub-Committee of the Cardiganshire Public Health Committee.

The Certifying Officer is the County M.O.H., who refers special cases to the Ophthalmic Surgeon.

During the year 23 persons were admitted to the register and 19 names were removed owing to death. The number on the register at the end of the year was 227, compared with 223 the previous year.

TREATMENT OF CANCER.

Cancer patients are admitted to the following hospitals belonging to the County Council :—County Hospital, Aberaeron; Public Assistance Institution, Aberystwyth, and the Public Assistance Institution, Lampeter.

MILK (SPECIAL DESIGNATIONS) ORDER.

The Licensing Authority is the Public Health Committee of the County Council.

The sanitation of the buildings, the purity of the water supply and the absence of tuberculosis in those who handle the milk, are certified by the medical and sanitary officers. The cows are examined half-yearly by a veterinary surgeon and samples of milk are taken every three months by the sanitary inspectors and examined bacteriologically at the laboratory. Eight hundred and fifty-four milk samples in connection with the Order were examined during the year.

Four hundred and fifty-eight Accredited licences and twenty-four T.T. licences were issued during the year, compared with 372 and 21 respectively for the previous year.

PATHOLOGICAL INVESTIGATIONS.

Wassermann tests are carried out at the Beck Laboratory, Swansea. All other chemical and bacteriological work during 1940 was done in the Emergency Public Health Laboratory, Llanbadarn Road, Aberystwyth. One thousand, three hundred and eighty-nine examinations were carried out at the latter laboratory during the year.

ORTHOPAEDIC TREATMENT.

Children of pre-school age are dealt with by the Maternity and Child Welfare Committee of the County Council and those of school age by the Education Committee. Cases are examined by the Visiting Surgeon four times a year, and those requiring hospital treatment are sent to the Prince of Wales' Hospital, Cardiff. Thirty-eight individual cases were seen by the Visiting Surgeon during the year. Seven received hospital treatment, and eleven patients were provided with calipers, etc.

GOVERNMENT EVACUATION SCHEME.

STATEMENT OF WORK DURING THE YEAR 1940.

Evacuation Clinic.

Infant Visits :—

Under 1 year : 1st visits	4
Re-visits	15
Visits to children from 1—5 years	55

Minor Ailments :—

Number of clinics held	309
1st attendances	2044
Repeat attendances	4271
Attendances at Maternity and Child Welfare Clinics	574
Ante-natal Consultations	34

School Work.

Number of schools visited by evacuee medical officer and evacuee health visitor	127
Number of schools visited by evacuee health visitor alone	51
Number of children examined in school	3261
Number found unclean	296
Number found suffering from minor defects	262
Number cleansed at clinic	333
Number of homes of children visited	236

CARDIGANSHIRE EDUCATION COMMITTEE

The School Medical Service

MEDICAL INSPECTION RETURNS.

A.—Routine Medical Inspections.

NUMBER OF CODE GROUP INSPECTIONS :

Entrants	..	..	..	..	..	..	642
Intermediates	..	..	..	..	..	..	640
Leavers	..	..	..	..	..	..	867
Total						..	<u>2149</u>
Number of Other Routine Inspections	—

B.—Other Inspections.

Number of Special Inspections	..	..	..	..	..	12
Number of Re-Inspections	..	..	..	..	..	7
						<u>19</u>

**RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE
YEAR ENDED 31st DECEMBER, 1940.**

DEFECT OR DISEASE.	ROUTINE INSPECTIONS.		SPECIAL INSPECTIONS.	
	No. of Defects.		No. of Defects.	
	Requiring Treatment	Requiring to be kept under observation, but not requiring Treatment.	Requiring Treatment	Requiring to be kept under observation, but not requiring Treatment.
<i>Skin :</i>				
Ringworm :				
Scalp ..	1	—	—	—
Body ..	—	—	—	—
Scabies ..	—	—	—	—
Impetigo ..	—	—	—	—
Other Diseases : (Non-Tuberculosis) ..	1	—	—	—
<i>Ear :</i>				
Defective Hearing ..	2	—	—	—
Otitis Media ..	—	—	—	—
Other Ear Diseases ..	1	—	—	—
<i>Nose and Throat :</i>				
Chronic Tonsillitis only ..	89	—	1	—
Adenoids only ..	4	—	1	—
Chronic Tonsillitis and Adenoids ..	14	—	2	—
Other Conditions ..	1	—	—	—
<i>Enlarged Cervical Glands (Non-Tuberculous) ..</i>	—	—	—	—
<i>Defective Speech ..</i>	—	—	—	—
<i>Heart and Circulation :</i>				
Heart Disease :				
Organic ..	7	—	—	—
Functional ..	—	—	—	—
Anaemia ..	1	—	—	—
<i>Lungs :</i>				
Bronchitis ..	3	—	1	—
Other Non-Tuberculous Diseases ..	4	—	—	—

RETURN OF DEFECTS (continued)

DEFECT OR DISEASE.	ROUTINE INSPECTIONS.		SPECIAL INSPECTIONS.	
	No. of Defects.		No. of Defects.	
	Requiring Treatment	Requiring to be kept under observation, but not requiring Treatment.	Requiring Treatment	Requiring to be kept under observation, but not requiring Treatment.
<i>Tuberculosis :</i>				
Pulmonary :				
Definite	—	—	—	—
Suspected	—	2	—	1
Non-Pulmonary :				
Glands	—	—	—	—
Bones and Joints	—	—	—	—
Skin	—	—	—	—
Other Forms	—	1	—	—
<i>Eye :</i>				
Blepharitis	—	—	—	—
Conjunctivitis	—	—	—	—
Keratitis	1	—	—	—
Corneal Opacities	—	—	—	—
Defective Vision (excluding Squint)	121	—	3	—
Squint	—	—	—	—
Other Conditions	—	—	—	—
<i>Nervous System :</i>				
Epilepsy	—	—	—	—
Chorea	—	—	—	—
Other Conditions	—	—	—	—
<i>Deformities :</i>				
Rickets	—	—	—	—
Spinal Curvature	2	—	—	—
Other Deformities	2	—	1	—
<i>Other Defects and Diseases.</i>	5	—	2	—
Total	259	3	11	1

TREATMENT TABLES.

Group I.—Minor Ailments (excluding Uncleanliness).

Eleven cases were treated during the year under the Authority's Scheme.

Group II.—Defective Vision and Squint (excluding Minor Eye Defects) treated as Minor Ailments—Group I).

Defect or Disease	No. of defects dealt with		
	Under the Authority's Scheme	Otherwise	Total
Errors of Refraction (including Squint)	186	—	186
Other Defect or Disease of the Eyes (excluding those recorded in Group I)	—	—	—
Total	186	—	186

Total number of children for whom spectacles were prescribed :—

(a) Under the Authority's Scheme	146
(b) Otherwise	—

Total number of children who obtained or received spectacles:—

(a) Under the Authority's Scheme	68
(b) Otherwise	78
Total	146

Group III.—Treatment of Defects of Nose and Throat.

NUMBER OF DEFECTS.				
Received Operative Treatment.			Received other forms of Treatment	Total number treated
Under the Authority's Scheme in Clinic or Hospital	By Private Practitioner or Hospital, apart from the Authority's Scheme	Total		
26	—	26	—	26

Group IV.—Orthopaedic and Postural Defects.

Number of children treated :—

Under the Authority's Scheme	..	..	..	..	47
Otherwise .. .. .	..	..	..	..	2
Total					— 49 —

**CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED
DURING THE YEAR IN THE ROUTINE AGE GROUPS.**

Age-groups	Number of Children Inspected	A (Excellent)		B (Normal)		C (Slightly subnormal)		D (Bad)		Un- class- ified
		No.	%	No.	%	No.	%	No.	%	
Entrants ..	642	—	—	470	74.78	90	14.02	11	1.71	71
Intermediates	640	—	—	515	80.21	93	14.53	14	2.18	18
Leavers ..	867	—	—	685	79.00	85	9.82	9	1.03	88
Other Routine Inspections ..	—	—	—	—	—	—	—	—	—	—
Total ..	2149	—	—	1670	77.71	268	12.47	34	1.58	177

DENTAL DEFECTS.

(1) Number of children who were inspected by the Dentist :—

Routine Age Groups ..	Aged :	{	5	..	51	Total	2323
			6	..	253		
			7	..	293		
			8	..	298		
			9	..	305		
			10	..	318		
			11	..	294		
			12	..	252		
			13	..	194		
			14	..	65		
Specials							165
							<u>2488</u>

(2) Number found to require treatment 1989

(3) Number actually treated 1698

(4) Attendances made by children for treatment 2114

(5) Half-days devoted to :—

Inspection	30	Total	421
Treatment	391		

(6) Fillings :—

Permanent Teeth	925	Total	949
Temporary Teeth	24		

(7) Extractions :—

Permanent Teeth	982	Total	3076
Temporary Teeth	2094		

(8) Administration of General Anaesthetics 794

Administration of Local Anaesthetics 770

(9) Other Operations :—

Permanent Teeth	69	Total	69
Temporary Teeth	—		

VERMINOUS CONDITIONS.

(i) Average number of visits per school made during the year by the School Nurses	9
(ii) Total number of examinations of children in the Schools by School Nurses	45364
(iii) Number of individual children found unclean	906
(iv) Number of <i>individual</i> children cleansed under arrangements made by the Local Education Authority	—
(v) Number of cases in which legal proceedings were taken :—	
(a) Under the Education Act, 1921	—
(b) Under School Attendance Byelaws	—

LOW ATTENDANCE CERTIFICATES ISSUED.

Cause	No. of Certificates issued	No. of weeks covered	No. of schools concerned
Measles ..	11	11	6
Whooping Cough	6	6	5
Diphtheria ..	1	1	1
Total ..	18	18	12

SCHOOLS CLOSED FOR HEALTH REASONS.

Cause of Closure	No. of Schools concerned	No. of School days covered
Measles	14	143
German Measles	2	10
Colds and Coughs	3	17
Influenza	6	41
Mumps and Influenza	1	3
Sore Throat	2	12
Whooping Cough	6	36
Total	34	262

